

ABSTRACT

A centrifuge bowl has a bottom accelerator for accelerating the materials from a feed duct extending into the bowl. The accelerator is a molded body having a top plate with a central hole arranged to receive the materials from the bottom feed mouth of the duct and a plurality of vanes underneath the top plate, each vane extending generally outwardly from an inner nose underneath an outer edge of the hole to an outer end at an outer edge of the top plate. The vanes each have a bottom surface lying in an imaginary bottom surface of the molded body which is conical and contains fasteners arranged to be fastened to the conical bottom wall of the bowl. A deflector plate lies underneath the hole with a bottom surface spaced from the imaginary bottom surface and intersecting the height of the vanes.